

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

Cancel Claims 1-2.

3. (Currently amended) ~~The electronically updatable external labeling system of Claim 2,~~
~~additionally comprising~~ An electronically updatable external labeling system for a data storage
element, comprising:

an external surface of said data storage element;

an electronic persistent visual display at said external surface, for providing a visual
display;

an input for providing a signal for updating said visual display of said electronic persistent
visual display;

an update agent for operating said electronic persistent visual display in accordance with
said signal of said input to update said visual display, such that said visual display comprises an
updated persistent visual display label;

a nonvolatile electronic memory provided at said data storage element, for storing
information related to said visual display;

a memory input for providing a signal for altering said information of said nonvolatile
electronic memory, updating said information, such that said electronic persistent visual display
and said information both are electronically updatable; and

a refresh control for sensing said nonvolatile electronic memory, and providing a refresh
signal related to said sensed nonvolatile electronic memory, for refreshing said visual display of
said electronic persistent visual display; and operating said update agent for updating said visual
display of said electronic persistent visual display in accordance with said refresh signal of said
refresh control.

Cancel Claims 4-7.

8. (Currently amended) ~~The electronically updatable external labeling system of Claim 1, additionally comprising~~ An electronically updatable external labeling system for a data storage element, comprising:

an external surface of said data storage element;

an electronic persistent visual display at said external surface, for providing a visual display;

an input for providing a signal for updating said visual display of said electronic persistent visual display;

an update agent for operating said electronic persistent visual display in accordance with said signal of said input to update said visual display, such that said visual display comprises an updated persistent visual display label; and

a security control selectively providing a security signal; and operating said update agent to convert said human readable visual display of said electronic persistent visual display to a blank in response to said security signal.

Cancel Claims 9-10.

11. (Currently amended) ~~The data storage cartridge of Claim 10, additionally comprising~~ A data storage cartridge, comprising:

a cartridge shell, capable of supporting at least one data storage media;

an electronic persistent visual display supported at said cartridge shell, for providing a visual display;

an input for providing a signal for updating said visual display of said electronic persistent visual display;

an update agent for operating said electronic persistent visual display in accordance with said signal of said input to update said visual display, such that said visual display comprises an updated persistent visual display label;

a nonvolatile electronic memory for storing information related to said visual display;
a memory input for providing a signal for altering said information of said nonvolatile
electronic memory, updating said information, such that said electronic persistent visual display
and said information both are electronically updatable; and

a refresh control for sensing said nonvolatile electronic memory, and providing a refresh signal related to said sensed nonvolatile electronic memory, for refreshing said visual display of said electronic persistent visual display; and operating said update agent for updating said visual display of said electronic persistent visual display in accordance with said refresh signal of said refresh control.

Cancel Claims 12-15.

16. (Currently amended) ~~The data storage cartridge of Claim 9, additionally comprising~~ A data storage cartridge, comprising:

a cartridge shell, capable of supporting at least one data storage media;
an electronic persistent visual display supported at said cartridge shell, for providing a
visual display;
an input for providing a signal for updating said visual display of said electronic persistent
visual display;
an update agent for operating said electronic persistent visual display in accordance with
said signal of said input to update said visual display, such that said visual display comprises an
updated persistent visual display label; and

a security control selectively providing a security signal; and operating said update agent to convert said human readable visual display of said electronic persistent visual display to a blank in response to said security signal.

Cancel Claims 17-18.

19. (Currently amended) ~~The magnetic tape data storage cartridge of Claim 18, additionally comprising~~ A magnetic tape data storage cartridge, comprising:

a cartridge;
a magnetic tape data storage media supported by said cartridge;
an electronic persistent visual display supported at said cartridge, for providing a visual display;
an input for providing a signal for updating said visual display of said electronic persistent visual display;
an update agent for operating said electronic persistent visual display in accordance with said signal of said input to update said visual display, such that said visual display comprises an updated persistent visual display label;
a nonvolatile electronic memory for storing information related to said visual display;
a memory input for providing a signal for altering said information of said nonvolatile electronic memory, updating said information, such that said electronic persistent visual display and said information both are electronically updatable; and
a refresh control for sensing said nonvolatile electronic memory, and providing a refresh signal related to said sensed nonvolatile electronic memory, for refreshing said visual display of said electronic persistent visual display; and operating said update agent for updating said visual display of said electronic persistent visual display in accordance with said refresh signal of said refresh control.

Cancel Claims 20-23.

24. (Currently amended) ~~The magnetic tape data storage cartridge of Claim 17, additionally comprising~~ A magnetic tape data storage cartridge, comprising:

a cartridge;
a magnetic tape data storage media supported by said cartridge;
an electronic persistent visual display supported at said cartridge, for providing a visual display;

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an input for providing a signal for updating said visual display of said electronic persistent visual display;

an update agent for operating said electronic persistent visual display in accordance with said signal of said input to update said visual display, such that said visual display comprises an updated persistent visual display label; and

a security control selectively providing a security signal; and operating said update agent to convert said human readable visual display of said electronic persistent visual display to a blank in response to said security signal.

Cancel Claims 25-30.